ABSTRACT OF THE DISCLOSURE

The invention relates to a technique of providing illumination light having an even intensity, in order to make intensity of three illumination light with a simple structure. A second optical waveguide having a second incidence plane for second color light and a third optical waveguide having a third incidence plane for third color light are joined to a first optical waveguide having a first incidence plane for first optical light and an emergence plane opposed to the first incidence plane. A first dichroic filter that reflects the first color light and the third color light and transmits the second color light is formed on a joint surface between the first optical waveguide and the second waveguide. A second dichroic filter that reflects the first color light and the second color light and transmits the third color light is formed on a joint surface between the first optical waveguide and the third waveguide.